

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------|---|------------------|---------|------------------|
| L1 | 2 | "6717267".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 14:23 |
| L2 | 2 | "6,600,175".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:15 |
| L3 | 0 | 2 and power with 25b | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:16 |
| L4 | 0 | 2 and power same 25b | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:16 |
| L5 | 0 | 2 and 25b | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:16 |
| L6 | 0 | 1 and power with 25b | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:16 |
| L7 | 1 | 1 and power same 25b | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 16:41 |
| L8 | 2 | "5177594".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 17:29 |
| L9 | 1346 | siN with metallic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 17:29 |

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|-----|------|--|---|----|-----|------------------|
| L10 | 124 | siN near2 metallic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 18:17 |
| L11 | 3167 | substrate with pin with board | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 18:18 |
| L12 | 229 | substrate with pin with direct\$4 with board | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 18:18 |
| L13 | 62 | 12 and "257"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 18:18 |
| L14 | 9 | ("20020011662" "20020074653" "20020185308" "5939782" "6353540" "6400576" "6518666" "6535398" "6727780").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 18:19 |
| L15 | 20 | ("4322778" "4574255" "4755910" "4811082" "4901136" "5014114" "5032896" "5075253" "5077639" "5095402" "5177670" "5237204" "5239198" "5239448" "5255431" "5384691" "5473513" "6018463" "6147876" "6153290").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 18:21 |
| L16 | 111 | ("4064552" "4081898" "4104728" "4177519" "4495546" "4567543" "4598337" "4672152" "4744008" "4754371" "4843520" "4926241" "4933810" "4937707" "4967950" "4982376" "4987100" "4990948" "5028983").PN. OR ("5239448"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 18:24 |
| L17 | 11 | ("4612083" "4939568" "5138437" "5191405" "5202754" "5239448" "5266511" "5380681" "5489554" "5579207").PN. OR ("6593645"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 18:27 |
| L18 | 2419 | (257/773).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |

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| L19 | 43 | L18 and heat with interconnect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L20 | 105 | ("3539705" "3846166" "4096623" "4164461" "4308090" "4601915" "4670091" "4849070").PN. OR ("5117276").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L21 | 11 | ("5117276" "5444015" "5798559" "6245658" "6255712" "6277728" "6386939" "6403461" "6614092").PN. OR ("6713835"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L22 | 1392 | L18 and line | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L23 | 361 | L18 and line with (power signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L24 | 9 | ("5814844" "5874754" "6091088" "6114767" "6133079" "6177709" "6288447" "6320234" "6326651").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L25 | 10 | dummy near interconnection with heat | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L26 | 6 | ("5441915" "5729047" "5811352").PN. OR ("6717267"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L27 | 10 | dummy near interconnection same heat | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L28 | 11 | dummy near interconnection same heat | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L29 | 1 | L28 not L27 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L30 | 41 | dummy near interconnection and heat | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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| L31 | 5 | (US-20020058411-\$).did. or (US-6800883-\$ or US-6717267-\$ or US-6913990-\$ or US-6664642-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/12/12 21:03 |
| L32 | 51 | interconnection with heat adj transfer and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L33 | 641 | (via damascene) with heat adj transfer and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L34 | 9 | (damascene) with heat adj transfer and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L35 | 4 | (via near4 dummy) with heat adj transfer and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L36 | 0 | (interconnect near4 dummy) with heat adj transfer and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L37 | 0 | (interconnect near4 dummy) with heat adj transf\$3 and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L38 | 0 | (interconect near4 dummy) with heat adj transf\$3 and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L39 | 0 | (interconnecting near4 dummy) with heat adj transf\$3 and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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| L40 | 0 | (pattern near4 dummy) with heat adj transf\$3 and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L41 | 0 | (pattern near4 dummy) with heat adj transf\$4 and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L42 | 10 | (pattern near4 dummy) with heat near2 (transfer\$3 dissipat\$3)and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L43 | 10 | (dummy near4 pattern) with heat near2 (transfer\$3 dissipat\$3)and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L44 | 1 | (dummy near interconnect\$3) with heat near2 (transfer\$3 dissipat\$3)and (IC integrated adj circuit chip die wafer semiconductor silicon).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L45 | 3 | (dummy near interconnect\$3) with heat near2 (transfer\$3 dissipat\$3)and (IC integrated adj circuit chip die wafer semiconductor silicon).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L46 | 409 | epoxy with phenolic with curing adj accelerator with inorganic adj filler | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L47 | 78652 | heat with dissipation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L48 | 4261380 | (semiconductor ic integrated adj circuit die chip wafer silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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| L49 | 172616 | power near2 line | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L50 | 220 | interconnect with L47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L51 | 192 | L50 and L48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L52 | 16 | L51 and L49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L53 | 5709 | heat with interconnect | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L54 | 2743 | L53 and L48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L55 | 152 | L54 and L49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L56 | 214050 | heat with (wir\$3 via damascene trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L57 | 72463 | L56 and L48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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| L58 | 4279 | L56 with L47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L59 | 2485 | L58 and L48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L60 | 102 | L59 and L49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L61 | 33 | L60 and "257"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L62 | 55178 | (257/7\$2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L63 | 8561 | (257/69\$1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L64 | 59536 | L62 L63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L65 | 10382 | L64 and heat with (dissipat\$3 remov\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L66 | 8983 | L64 and heat near2 (dissipat\$3 remov\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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| L67 | 5410917 | L66 and heat (interconnection via plug wir\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L68 | 415541 | heat with (dissipat\$3 remov\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L69 | 5408490 | (interconnection via plug wir\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L70 | 24902 | L68 with L69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L71 | 1755 | L64 and L70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L72 | 235288 | heat near2 (dissipat\$3 remov\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L73 | 14025 | L72 with L69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L74 | 1405 | L73 and L62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L75 | 900 | L73 and L62 | USPAT | OR | ON | 2005/12/12 21:03 |
| L76 | 2399 | (257/774).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |

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| L77 | 46 | L73 and L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L78 | 3534 | (257/758).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L79 | 32 | L73 and L78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L80 | 4 | ("5698897" "5792677").PN. OR ("6242807").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L81 | 826 | (257/760).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L82 | 4 | L73 and L81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L83 | 360 | (257/761).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L84 | 4 | L73 and L82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |
| L85 | 5084 | (257/76\$1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 21:03 |
| L86 | 18 | L73 and L85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 21:03 |

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|------|------|--|------------------------------|----|----|------------------|
| L87 | 9 | ("5700735" "5736791" "5739587" "5891799" "5923088" "6028367" "6143396" "6180511" "6251781").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L88 | 6 | ("6028367").URPN. | USPAT | OR | ON | 2005/12/12 21:03 |
| L89 | 12 | ("5248903" "5404047" "5736791" "5739587" "5923088" "5959356").PN. OR ("6028367"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L90 | 12 | ("5248903" "5404047" "5736791" "5739587" "5923088" "5959356").PN. OR ("6028367"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L91 | 3 | ("5354717" "6018193" "20020061614").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L92 | 2 | L91 and heat | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L93 | 1 | "6717267".pn. and power | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L94 | 478 | double with heat with sink | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L95 | 195 | L94 and "257"\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 21:03 |
| L96 | 145 | L94 and "257"\$.ccls. | USPAT | OR | ON | 2005/12/12 21:03 |
| L97 | 57 | L96 and wire | USPAT | OR | ON | 2005/12/12 21:03 |
| L98 | 143 | andujar.xa. | USPAT | OR | ON | 2005/12/12 21:03 |
| L99 | 0 | aluminum near2 thermal with expasion with epoxy | USPAT | OR | ON | 2005/12/12 21:03 |
| L100 | 0 | aluminum near2 thermal with expasion | USPAT | OR | ON | 2005/12/12 21:03 |
| L101 | 4624 | aluminum near2 thermal | USPAT | OR | ON | 2005/12/12 21:03 |
| L102 | 211 | (wir\$2 with interconnection) with copper | USPAT | OR | ON | 2005/12/12 21:03 |